

**What is claimed is:**

1. An apparatus comprising:  
an enclosure adapted to hold a plurality of telecommunications  
equipment components;  
5 means for passing air into said enclosure in order to cool said plurality  
of telecommunications equipment components;  
a filter for preventing airborne contaminants from entering said  
enclosure; and  
means for detecting a first air pressure, said first air pressure indicative  
10 of a pressure of air exiting said filter and entering said enclosure;  
means for detecting a second air pressure, said second air pressure  
indicative of a reference air pressure; and  
means for generating a signal indicative of said first air pressure  
crossing a desired threshold relative to said second air pressure.
- 15 2. The apparatus of claim 1 wherein said means for detecting a first air  
pressure and said means for detecting a second air pressure comprise a  
single pressure differential switch device.
3. The apparatus of claim 1 wherein said second air pressure is the  
pressure of the ambient air surrounding said enclosure.
- 20 4. The apparatus of claim 1 wherein said means for detecting a first air  
pressure comprises a pressure differential switch device directly in contact  
with said air exiting said filter.
5. The apparatus of claim 1 wherein said means for detecting a first air  
pressure comprises a pressure differential switch device indirectly in contact  
25 with said air exiting said filter.
6. The apparatus of claim 1 wherein said means for detecting a  
second air pressure comprises a pressure differential switch device directly in  
contact with air associated with said reference air pressure.

7. The apparatus of claim 1 wherein said means for detecting a second air pressure comprises a pressure differential switch device indirectly in contact with air associated with said reference air pressure.

5 8. The apparatus of claim 2 wherein said pressure differential switch device is attached to a surface of said enclosure in a way such that said means for detecting a first air pressure is in direct contact with said air exiting said filter and said means for detecting a second air pressure is in direct contact with the ambient air surrounding said enclosure.

10 9. The apparatus of claim 8 wherein said pressure differential switch device is attached to an internal surface of said enclosure.

10. The apparatus of claim 8 wherein said pressure differential switch device is attached to an external surface of said enclosure.